No. 1st & Final

YNK-DBR No. 18 YNK 09.05.17

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

AEE/YNK SUB. DN
SBR No: 13/17-18
Date: 9/5/17

Division: BBMP Sub-Division: **Yelahanka Sub – Division.** Date: 2017.

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: Sub Divisional **Work Code: 001-17-000038.**

Name of Work : Asphalting and improvements to roads at Shivanahalli main and cross roads in ward No-1 of yelahanka Sub Division, Est.Cost: **40.00** Lakhs B.R.No. :

Name of Contractor and Full Address: **Technical Manager (West) KRIDL, BBMP, Bangalore.**

Reference to Agreement No. **EE/YNK.D/ W.O/134/2017-18.** Date: 31-3-2017.

Certified that the measurements were taken by me on 9.3.17 and recorded of Pages 46559 to 46563 of measurement Book No. 4655..... and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 3/5/17 and found correct. The work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work KRIDL, contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	Asst. Executive Engineer, Yelahanka Sub. Division (BBMP Ynk. Zn) Yelahanka, Bangalore
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	1st & final 3947799:00
	b) Payments Now made } cost store or other material supplied.	T&D 197390:00
	recovery of amount creditable to this/other work	IT 78956:00
	Amount paid on this bill Cheque / Cash.	KST 157912:00
5)	Balance being unpaid value of work done held in reserve.	LC 39478:00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	CRF 3948:00
7)	Net amount due to or from Contractor unadjustments items.	LR 59740:00
8)	Advance to Contractor for materials brought to site (as detailed) within.	T.D 537424:00
9)	Value of Government materials supplied.	
	Total amount adjusted.	Net 3410375:00

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.ra. Sub-division Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

(For use in the Office)

Audited & Admitted for Rs. 3947799:00

Stamp

3410375:00 by Cheque

and Rs. 537424:00 by adjustment

Executive Engineer

Asst. Supdt. yelahanka Division BBMP

Exe. Engineer Yelahanka

sl no	Description of work	Unit
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters an an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3	cum
2	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum
3	Providing & laying plain / reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement @ 300kgs , with 20mm and down size graded granite metal,coarseaggregated @ 0.69cum ,and fine aggregated @ 0.43cum, with machine mixed well compacted for walls at bottom including centering shuttereing cost of materials HOM of machinereles curing etc complete excluding cost of steel as per MORTH specification No 1500, 1700, 2200	Cum
4	KSRB 4.9.2. Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 -do- TMT Bars Fe 500	Tonne
5	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge- Data rate	Sqm
6	KSRRB M300-14. Excavation for roadwork in all type of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum
7	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.Close graded granular sub-base material as per 400-1 For Grading- II Material	Cum
8	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum
9	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM,WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502	Sqm
11	KSRRB 500-7. Providing and applying tack coat using 80/100 grade Bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm , heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm
12	KSRRB M500- 17. Providing, laying dense graded bituminous macadam using 40/60 THP capacity H.M.P with Mechanical paver Gr-II(50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with wheeled , vibratory and tandeem rollers to achieve the desired density including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.507	Cum
13	KSRRB M500- 19. Providing, laying bituminous Concrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II(30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with wheeled , vibratory and tandeem rollers to achieve the desiredcompaction as per MORTH Table 500.9 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.509.	Cum
14	Lead for disposal of earth shall be payable at carriege rates (Lead & Lift) by machinical means including loading and unloading upto 4 Kms	cum
15	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm
16	cost of plastic @ 8% of bituminous qty for BC	TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	319.01	86.92	27728.00	319.01	27728.00	
–	–	30.19	5348.76	161479.00	30.19	161479.00	
–	–	125.82	11032.48	1388107.00	125.82	1388107.00	
–	–	6.29	59413.00	373767.00	6.29	373767.00	
–	–	302.04	1757.00	530684.00	302.04	530684.00	
–	–	274.95	48.76	13407.00	274.95	13407.00	
–	–	130.05	1665.26	216567.00	130.05	216567.00	
–	–	195.08	1768.08	344917.00	195.08	344917.00	
–	–	867.00	27.56	23895.00	867.00	23895.00	
–	–	867.00	11.66	10109.00	867.00	10109.00	
–	–	43.35	6435.26	278969.00	43.35	278969.00	
–	–	26.01	7270.54	189107.00	26.01	189107.00	
–	–	593.96	80.80	47992.00	593.96	47992.00	
–	–	27.81	542.72	15093.00	27.81	15093.00	
		293.39	27.00	3621834 + 7921.61		3621834	+ 7921.61
9% KRIDL Service Charge				325965		325965	
			Total	3947799 + 7921.61		3947799	+ 7921.61

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore